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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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1

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**Complete if Known**

Application Number	09/641,933
Filing Date	August 18, 2000
First Named Inventor	Pearlstein
Group Art Unit	3753
Examiner Name	George L. Walton
Attorney Docket Number	06029 USA (MHM-13182US01)

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
KL	A1	4,169,486	10-02-1979	Otteman et al.	
	A2	4,383,547	05-17-1983	Lorenz et al.	
	A3	4,554,942	11-26-1985	Williams et al.	
	A4	4,723,967	02-09-1988	Tom	
	A5	5,033,499	07-23-1991	Patel et al.	
	A6	5,086,807	02-11-1992	Lasnier et al.	
	A7	5,127,436	07-07-1992	Campion et al.	
	A8	5,137,047	08-11-1992	George	
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	A10	5,392,815	02-28-1995	Stuart	
	A11	5,440,477	08-08-1995	Rohrberg et al.	
	A12	5,566,713	10-22-1996	Lhomer et al.	
	A13	5,605,179	02-25-1997	Strong, Jr. et al.	
	A14	5,727,589	03-17-1998	Yokogi	
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	A16	6,012,478	01-11-2000	Park	

**U.S. PUBLISHED APPLICATIONS**

Examiner Initials*	Cite No. <sup>1</sup>	Publication No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
KL	A17	EP 0 275 242	07-20-1988	AGA Aktiebolag		X
KL	A18	EP 0 308 875	03-29-1989	Union Carbide Corp.		X
KL	A19	JP 91-219172	09-26-1991	Kawahara Masakatsu		X
KL	A20	EP 0459 966	12-04-1991	Kihlberg		X
KL	A21	JP 93-215299	08-24-1993	Neriki:KK		X
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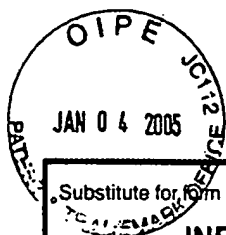
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		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)				
KL	A23	EP 0 588 531	03-23-1994	Kabushiki Kaisha Neriki		X
KL	A24	EP 0 688 983	12-27-1995	Kabushiki Kaisha Neriki		X
KL	A25	WO 96/07843	03-14-1996	L'Air Liquide		X
KL	A26	WO 96/29529	09-26-1996	Insync Systems, Inc.		X
KL	A27	EP 0 747 796	12-11-1996	L'Air Liquide		X
KL	A28	GB 403 238	12-21-1933	Tomkins & Co.		

### OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
KL	A29	First UK Patent Search Report for GB 9724168.1, UK Patent Office, 6-23-1998
KL	A30	Second UK Patent Search Report for GB 9724168.1, UK Patent Office, 10-14-1998
KL	A31	Third UK Patent Search Report for GB 9724168.1, UK Patent Office, 10-14-1998
KL	A32	Fourth UK Patent Search Report for GB 9724168.1, UK Patent Office, 10-14-1998
KL	A33	"A Revolutionary Actuator for Microstructures," <i>Sensors</i> , Helmers Microsystems, Inc., 02-1993
KL	A34	"Benefits of a Minimalist Gas System Design," <i>Solid State Technology</i> , pp. 151, 155, Phillips et al., 10-1996
KL	A35	"The Next Step in Process Gas Delivery: A Fully Integrated System," <i>Semiconductor International</i> , pp. 79, 85, Cestari et al., 01/1997

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